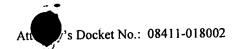
Applicant: Michael J. Tay. 1.

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19. The polypeptide of claim 17, wherein said polypeptide comprises a bovine TNF-RI extracellular domain or fragments thereof.

- 29. A purified bovine TNF-RI polypeptide that binds TNF, wherein said polypeptide is encoded by a nucleic acid selected from the group consisting of:
  - (a) the nucleotide sequence of SEQ ID NO.:1;
  - (b) a fragment of the nucleotide sequence of (a); and
  - (c) a nucleotide sequence that is at least 85% identical to (a) or (b).
- 30. A purified soluble bovine TNF-RI polypeptide that binds TNF, wherein said polypeptide is encoded by a nucleic acid selected from the group consisting of:
  - (a) the nucleotide sequence of SEQ ID NO.:3,
  - (b) a fragment of the nucleotide sequence of (a); and
  - (c) a nucleotide sequence that is at least 85% identical to (a) or (b).
- 31. The polypeptide of claim 30, wherein said polypeptide comprises a bovine TNF-RI extracellular domain or fragments thereof.
- 32. A purified bovine TNF-RI, wherein said polypeptide is selected from the group consisting of:
  - (a) the polypeptide of SEQ ID NO:2; and
  - (b) a fragment of the polypeptide of (a) that binds TNF.
- 33. A purified soluble bovine TNF-RI, wherein said polypeptide is selected from the group consisting of:
  - (a) the polypeptide of SEQ ID NO:4; and
  - (b) a fragment of the polypeptide of (a) that binds TNF.
- 34. The polypeptide of claim 33, wherein said polypeptide comprises a bovine TNF-RI extracellular domain or fragments thereof.